

## SAN JOSÉ GREEN VISION CLEAN ENERGY SHOWCASE

### *Projects and Participants*

- SITE 1** Off-grid vertical axis wind turbine  
Windspire Energy
- SITE 2** Off-grid roof-mounted solar thermal system  
SunWater Solar / Schüco
- SITE 3** Factory-built solar array utilized for both on- and off-grid solar energy projects. Includes turnkey electric vehicle charging station and car. SunPods and AArraya
- SITE 4** Cool Roof Display  
Lawrence Berkeley National Laboratory's Heat Island Group
- SITE 5 6** New Avenue Eco Home featuring energy efficiency technologies.  
Silicon Valley Energy Watch and New Avenue Homes
- SITE 7** Off-grid thin film photovoltaic shading structure with interactive element  
City of San Jose Public Art Program / San Jose State University / QCells
- SITE 8** Grid-tied high-efficiency thin film photovoltaic array  
Burnham Energy / Stion / Fresco
- SITE 9** Grid-tied high-efficiency thin film photovoltaic array  
NanoSolar / Real Goods Solar / Sunlink
- SITE 10** High performance solar collector for powering industry and air conditioning systems  
Chromasun
- SITE 11** Off-grid Micro Concentrating Solar Power collector.  
Sopogy
- SITE 12** Two grid-tied photovoltaic arrays side-by-side demonstrating modules utilizing traditional inverters vs. micro-inverters Akeena Solar (Westinghouse Solar) / San José Fire Department / SMA America
- SITE 13** Grid-tied, light weight SolarClover photovoltaic array.  
Armageddon Energy
- SITE 14** Grid-tied array showcasing SunPower's T5 photovoltaic commercial roof tile  
SunPower
- SITE 15** Off-grid LED streetlight with wind turbine, photovoltaic module and battery storage  
US Solar & Wind Synergies
- SITE 16** Off-grid pole-mounted photovoltaic modules with electric car plug-in capability and battery storage  
International Brotherhood of Electrical Workers

VIRTUAL  
SITE

Energy Production monitoring of Showcase demonstrations  
Fat Spaniel (PowerOne)

## BRINGING ENERGY INNOVATION TO LIFE

### *Inviting the Community to Learn More About Clean Energy*

Heralded as the Best City in the U.S. for Clean Technology<sup>1</sup>, San José offers the community immediate access to the most cutting-edge energy innovations on the market. The Green Vision Clean Energy Showcase brings these latest advancements to life and into the hands of San José residents.

This interactive knowledge hub provides hands-on education, experience and information on solar, wind and energy efficiency technologies, and represents a significant opportunity to further engage community participation in San José's Green Vision.

The Green Vision Clean Energy Showcase also advances available resources for green collar workforce training and provides vital guidance and education for San José's youth.

The Green Vision Clean Energy Showcase is funded through donations and the American Recovery and Reinvestment Act.

Site provided by the San Jose Redevelopment Agency and site interconnection by PG&E.

<sup>1</sup> BusinessWeek, May 2009

## TOUR INFORMATION

Free guided tours of the Green Vision Clean Energy Showcase are now available to the public.

**<http://energy.sanjoseca.gov/solar/tour.asp>**

Please register online or contact us at **[solar@sanjoseca.gov](mailto:solar@sanjoseca.gov)**.

## SAN JOSÉ GREEN VISION

The mission of San José's Green Vision is to transform the City into the World Center of Clean Technology Innovation, while promoting cutting-edge sustainable practices and demonstrating that the goals of economic growth, environmental stewardship and fiscal responsibility are inextricably linked. San José adopted the vision in October 2007 and is committed to a fifteen-year plan for economic growth, environmental sustainability and an enhanced quality of life for its community.

For more information on San José's Green Vision, visit **[greenvision.sanjoseca.gov](http://greenvision.sanjoseca.gov)** or call **(408) 535-8550**.

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# San José GREEN VISION CLEAN ENERGY SHOWCASE



CITY OF  
**SAN JOSE**  
CAPITAL OF SILICON VALLEY

**SOLAR AMERICA  
CITIES**  
Part of the Solar America Communities program

## VIRTUAL SITE



Energy production monitoring of showcase demonstrations



Grid-tied high-efficiency thin film photovoltaic array



Off-grid high performance solar collector used for powering industry and air conditioning systems



Off-grid Micro Concentrating Solar Power Collector.



Two grid-tied photovoltaic arrays side-by-side demonstrating modules utilizing traditional inverters vs. micro-inverters



Grid-tied, light weight SolarClover photovoltaic array.



Grid-tied array with SunPower T5 photovoltaic commercial roof tiles



Off-grid pole mounted photovoltaic module, wind turbine and battery storage



Off-grid pole mounted photovoltaic modules with electric car plug-in capability and battery storage



Off-grid vertical axis wind turbine



Off-grid roof mounted solar thermal system



Factory-built solar array utilized for both on- and off-grid solar energy projects. Includes turnkey electric vehicle charging station and car.



Lawrence Berkeley National Laboratory's Heat Island Group - Cool Roof Display



New Avenue Eco Home featuring energy efficiency technologies. (5 & 6)



SJSU SCHOOL OF ART & DESIGN  
CITY OF SAN JOSE PUBLIC ART DEPARTMENT

Off-grid thin film photovoltaic shading structure with interactive elements



Grid-tied high-efficiency thin film photovoltaic array



4th Street

E. Santa Clara Street

5th Street

CITY HALL



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